

**PATENT
6057-54901**

JKW

First Named Inventor: Gopal Chillariga
Patent Number: 7,177,298
Issue Date of Patent: 02-13-2007
Application Number: 09/753,182
Filing Date: 01-02-2001

Title of Invention: DYNAMIC
CHANNEL ALLOCATION IN
MULTIPLE-ACCESS
COMMUNICATION SYSTEMS

§ Atty. Dkt. No: 6057-54901

****CERTIFICATE OF MAILING****

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

B. Noël Kivlin
Printed Name

10-23-07
Signature Date

TRANSMITTAL OF POWER OF ATTORNEY AND NOTICE OF CHANGE OF ADDRESS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find attached a Power of Attorney with regard to the above-identified patent application. Applicant respectfully requests the Commissioner to change the correspondence address for the above identified patent application. The old correspondence address was:

Berkeley Law Technology Group
1700 N.W. 167th Place Suite 240
Beaverton OR 97006

The new correspondence address is:

B. Noël Kivlin
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
P.O. Box 398
Austin, Texas 78767-0398
(512) 853-8840
Customer ID #35690

If there are any questions regarding this matter, please contact me at the telephone number provided below.

Respectfully submitted,



B. Noël Kivlin
Reg. No. 33,929
ATTORNEY FOR APPLICANTS

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
P.O. Box 398
Austin, TX 78767-0398
(512) 853-8800
Date: 10-23-07



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)


Assignments on the Web > Patent Query

Patent Assignment Abstract of Title

***NOTE: Results display only for issued patents and published applications.
For pending or abandoned applications please consult USPTO staff.***

Total Assignments: 6

Patent #: 7177298

Issue Dt: 02/13/2007

Application #: 09753182

Filing Dt: 01/02/2001

Publication #: 20010030956

Pub Dt: 10/18/2001

Inventors: Gopal Chellariga, Rohit Kaushal, Bhupal Kanaiyalal Dharia, Lance Kazumi Uyehara et al

Title: DYNAMIC CHANNEL ALLOCATION IN MULTIPLE-ACCESS COMMUNICATION SYSTEMS

Assignment: 1

Reel/Frame: 011714/0192

Recorded: 04/16/2001

Pages: 15

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: CHILLARIGA, GOPAL

Exec Dt: 02/26/2001

KAUSHAL, ROHIT

Exec Dt: 02/26/2001

DHARIA, BHUPAL KANAIYALAL

Exec Dt: 02/26/2001

UYEHARA, LANCE KAZUMI

Exec Dt: 03/15/2001

KOEPF, ALBERT GERHARD

Exec Dt: 02/26/2001

RAACK, KEVIN DEAN

Exec Dt: 04/10/2001

GHOSHTAGORE, UJJAL KUMAR

Exec Dt: 02/26/2001

Assignee: MDIVERSITY INC.

150 CHARCOT AVENUE

SAN JOSE, CALIFORNIA 95131

Correspondent: DAVID E. LOVEJOY

4 EMBARCADERO CENTER, SUITE 400

SAN FRANCISCO, CALIFORNIA 94111-4156

Assignment: 2

Reel/Frame: 014455/0191

Recorded: 09/05/2003

Pages: 2

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Assignor: MDIVERSITY INC.

Exec Dt: 08/24/2001

Assignee: MOBILITY NETWORK SYSTEMS INC.

150 CHARCOT AVE.

SAN JOSE, CALIFORNIA 95131

Correspondent: RYDER IP LAW, PC

DOUGLAS J. RYDER

3669 CONCORD ROAD

DOYLESTOWN, PA 18901

Assignment: 3

Reel/Frame: 012598/0079

Recorded: 02/11/2002

Pages: 7

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Assignor: N DIVERSITY, INC.

Exec Dt: 09/17/2001

Assignee: MOBILITY NETWORK SYSTEMS, INC.

150 CHARCOT AVE.

SAN JOSE, CALIFORNIA 95131

Correspondent: MOBILITY NETWORK SYSTEMS INC.

JUDY LINDO

150 CHARCOT AVE.
SAN JOSE, CA 95131

Assignment: 4**Reel/Frame:** 013852/0011**Recorded:** 03/17/2003**Pages:** 8**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** MOBILITY NETWORK SYSTEMS, INC.**Exec Dt:** 01/31/2003**Assignee:** PENTECH FINANCIAL SERVICES, INC.

310 W. HAMILTON AVE., #202

ATTN: DAPHNE WELLS

CAMPBELL, CALIFORNIA 95008

Correspondent: GENERAL COUNSEL

DAPHNE WELLS

310 W. HAMILTON AVE. #202

CAMPBELL, CA 95006

Assignment: 5**Reel/Frame:** 014462/0589**Recorded:** 09/08/2003**Pages:** 3**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** MOBILITY NETWORK SYSTEMS INC.**Exec Dt:** 06/24/2003**Assignee:** PENTECH FINANCIAL SERVICES, INC.

310 W. HAMILTON AVE,

SUITE 202

CAMPBELL, CALIFORNIA 95008

Correspondent: RYDER IP LAW, PC

DOUGLAS J. RYDER

3669 CONCORD ROAD

DOYLESTOWN, PA 18901

Assignment: 6**Reel/Frame:** 014484/0037**Recorded:** 09/12/2003**Pages:** 4**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** PENTECH FINANCIAL SERVICES, INC.**Exec Dt:** 07/22/2003**Assignee:** NORTHSTAR ACQUISITIONS, LLC

280 VALLEY STREET

LOS ALTOS, CALIFORNIA 94022

Correspondent: RYDER IP LAW, PC

DOUGLAS J. RYDER

3669 CONCORD ROAD

DOYLESTOWN, PA 18901

Search Results as of: 10/22/2007 12:45 PM

If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350. v.2.0.1

Web interface last modified: April 20, 2007 v.2.0.1

[| HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)



POWER OF ATTORNEY; STATEMENT UNDER 37 C.F.R. § 3.73

Northstar Acquisitions LLC ("Assignee"), a Delaware limited liability company having a place of business at 2215-B Renaissance Drive, Suite 5, Las Vegas, NV 89119, states that it is the assignee of the entire right, title, and interest in and to the patent applications and/or patents identified in the Appendix ("the Patent Properties"). Assignee has attached, for the Patent Properties, the following documentary evidence of the chain of title and/or information specifying where documentary evidence of a chain of title from the original owner to the Assignee is recorded in the assignment records of the USPTO. *See Appendix.*

With respect to the Patent Properties and all provisionals, reissues, reexaminations, divisionals, continuations, continuations-in-part thereof (whether currently filed or not), the Assignee, pursuant to 37 C.F.R. §§ 1.36 and 3.71, hereby revokes all powers of attorney previously given and appoints

the practitioners associated with the **Customer Number 35690**

to act on Assignee's behalf before the United States Patent and Trademark Office. This appointment is effective only so long as these practitioners remain with the firm associated with the Customer Number listed above.

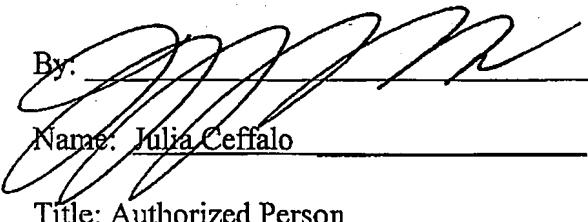
Pursuant to 37 C.F.R. § 3.71, the assignee hereby states that prosecution of the Patent Properties is to be conducted to the exclusion of the inventor(s).

The undersigned is a representative authorized to act on behalf of the assignee.

Assignee

Northstar Acquisitions LLC
2215-B Renaissance Drive, Suite 5
Las Vegas, NV 89119

Dated: 18 OCT 2007

By: 

Name: Julia Ceffalo

Title: Authorized Person

APPENDIX

Issued Patents

Patent Number	Title	Issue Date	Recordation Information
6987793	PREDICTIVE COLLISION AVOIDANCE IN MACRODIVERSE WIRELESS NETWORKS WITH FREQUENCY HOPPING USING SWITCHING	01/17/2006	<p>Reel/Frame: 011971/0165 Assignors: DHAR, NAVEEN; UYEHARA, LANCE KAZUMI; GHOSHTAGORE, UJJAL KUMAR; KOEPF, GERHARD ALBERT; ZIAO, JINGQING Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6987793	PREDICTIVE COLLISION AVOIDANCE IN MACRODIVERSE WIRELESS NETWORKS WITH FREQUENCY HOPPING USING SWITCHING	01/17/2006	<p>Reel/Frame: 011971/0165 Assignors: DHAR, NAVEEN; UYEHARA, LANCE KAZUMI; GHOSHTAGORE, UJJAL KUMAR; KOEPF, GERHARD ALBERT; ZIAO, JINGQING Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p>

			<p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
7010015	VIRTUAL CELL MAPPING IN MACRODIVERSE WIRELESS NETWORKS WITH FREQUENCY HOPPING	03/07/2006	<p>Reel/Frame: 014455/0191 Assignor: MDIVERSITY INC. Assignee: MOBILITY NETWORK SYSTEMS INC.</p> <p>Reel/Frame: 012206/0380 Assignors: HERVEY, MORRIS MARVIN; GHOSHGATORE, UJJAL KUMAR; SOMESEKHARA, ARCHANA Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
7020115	FAST MACRODIVERSITY SWITCHING WITH TIME MANAGEMENT IN WIRELESS NETWORKS	03/28/2006	<p>Reel/Frame: 011900/0351 Assignors: CHILLARIGA, GOPAL; DHARIA, BHUPAL KANAIYALAL; KOEPF, GERHARD ALBERT; UYEHARA, LANCE KAZUMI Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL</p>

			SERVICES, INC. Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC
7194017	VIRTUAL CELL MAPPING IN MACRODIVERSE WIRELESS NETWORKS WITH FREQUENCY HOPPING	03/20/2007	Reel/Frame: 018863/0488 Assignors: HERVEY, JR., MORRIS MARVIN; GHOSHTAGORE, UJAL KUMAR; SOMASEKHARA, ARCHANA Assignee: MDIVERSITY, INC. Reel/Frame: 018833/0093 Assignor: MDIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC. Reel/Frame: 018832/0560 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC. Reel/Frame: 018832/0569 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC
7212515	FAST MACRODIVERSITY SWITCHING WITH INTERLEAVING IN WIRELESS NETWORKS	05/01/2007	Reel/Frame: 011701/0944 Assignors: DHARIA, BHUPAL KANAIYALAL; CHILLARIGA, GOPAL; UYEHARA, LANCE KAZUMI Assignee: MDIVERSITY INC. Reel/Frame: 011976/0136 Assignors: DHARIA, BHUPAL KANAIYALAL; CHILLARIGA, GOPAL; UYEHARA, LANCE KAZUMI Assignee: MDIVERSITY INC. Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC. Reel/Frame: 014462/0589 Recorded: Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC. Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC

7177298	DYNAMIC CHANNEL ALLOCATION IN MULTIPLE-ACCESS COMMUNICATION SYSTEMS	02/13/2007	<p>Reel/Frame: 011714/0192 Assignors: CHILLARIGA, GOPAL; KAUSHAL, ROHIT; DHARIA, BHUPAL; KANAIYALAL; UYEHARA, LANCE KAZUMI; KOEPF, ALBERT GERHARD; RAACK, KEVIN DEAN; GHOSHTAGORE, UJJAL KUMAR Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 014455/0191 Assignor: MDIVERSITY INC. Assignee: MOBILITY NETWORK SYSTEMS INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
5715516	METHOD AND APPARATUS FOR WIRELESS COMMUNICATION EMPLOYING COLLECTOR ARRAYS	02/03/1998	<p>Reel/Frame: 007776/0361 Assignors: HOWARD, DAVID AMUNDSON; SMITH, BRUCE DENIS; COATES, KAREN EVELYN; VASTANO, JOHN ANDREW Assignee: CELLULAR TELECOM, LTD</p> <p>Reel/Frame: 007876/0715 Assignors: HOWARD, DAVID AMUNDSON; SMITH, BRUCE DENIS; COATES, KAREN EVELYN; VASTANO, JOHN ANDREW Assignee: CELLULAR TELECOM, LTD.</p> <p>Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED</p>

			<p>Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010144/0501</p> <p>Assignor: SILICON WIRELESS LIMITED</p> <p>Assignee: SC-WIRELESS INC</p> <p>Reel/Frame: 010567/0677</p> <p>Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY)</p> <p>Assignee: SC-WIRELESS, INC.</p> <p>Reel/Frame: 010609/0745</p> <p>Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY)</p> <p>Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145</p> <p>Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE</p> <p>Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079</p> <p>Assignor: N DIVERSITY, INC.</p> <p>Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011</p> <p>Assignor: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Assignee: PENTECH FINANCIAL SERVICES, INC.</p>
5805576	METHOD AND APPARATUS FOR TDMA WIRELESS COMMUNICATION EMPLOYING COLLECTOR ARRAYS FOR RANGE EXTENSION	09/08/1998	<p>Reel/Frame: 008185/0435</p> <p>Assignors: WORLEY, WILLIAM SPENCER, III; HOWARD, DAVID AMUNDSON; COATES, KAREN EVELYN; VASTANO, JOHN ANDREW</p> <p>Assignee: CELLULAR TELECOM, LTD.</p> <p>Reel/Frame: 009214/0673</p> <p>Assignor: CELLULAR TELECOM LIMITED</p> <p>Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292</p> <p>Assignor: SILICON WIRELESS LIMITED</p> <p>Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010144/0501</p> <p>Assignor: SILICON WIRELESS LIMITED</p> <p>Assignee: SC-WIRELESS INC</p> <p>Reel/Frame: 010567/0677</p> <p>Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY)</p> <p>Assignee: SC-WIRELESS, INC.</p>

		<p>Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6112058	METHOD AND APPARATUS FOR WIRELESS COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH REDUCTION	08/29/2000 <p>Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD.</p> <p>Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC</p> <p>Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC.</p>

			<p>Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC. 310 W. HAMILTON AVE,</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6131034	METHOD AND APPARATUS FOR COLLECTOR ARRAYS IN WIRELESS COMMUNICATIONS SYSTEMS	10/10/2000	<p>Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009554/0514 Assignors: MCLAUGHLIN, MICHAEL DAVID; RAACK, KEVIN DEAN; WALLERIUS, JOHN WALKER; SMITH, BRUCE DENIS; COATES, KAREN EVELYN; VASTANO, JOHN ANDREW; HOWARD, DAVID AMUNDSON Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC</p>

		<p>Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC.</p> <p>Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6137784	METHOD AND APPARATUS FOR WIRELESS COMMUNICATION EMPLOYING CONTROL FOR CONFIDENCE METRIC BANDWIDTH REDUCTION	<p>10/24/2000</p> <p>Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009222/0842 Assignors: WALLERIUS, JOHN WALKER; WALTERS, ANDREW JOHN; VASTANO, JOHN ANDREW Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC</p>

		<p>Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC.</p> <p>Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6192038	METHOD AND APPARATUS FOR WIRELESS COMMUNICATION EMPLOYING AGGREGATION FOR DIGITAL SIGNALS	<p>02/20/2001</p> <p>Reel/Frame: 008645/0043 Assignors: WALLERIUS, JOHN WALKER; WALTERS, ANDREW JOHN; VASTANO, JOHN ANDREW Assignee: CELLULAR TELECOM, LTD.</p> <p>Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC</p> <p>Reel/Frame: 010567/0677</p>

			<p>Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC.</p> <p>Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6212387	METHOD AND APPARATUS FOR COLLECTOR ARRAYS OF DIRECTIONAL ANTENNAS CO-LOCATED WITH ZONE MANAGERS IN WIRELESS COMMUNICATIONS SYSTEMS	04/03/2001	<p>Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009554/0094 Assignors: MCLAUGHLIN, MICHAEL DAVID; RAACK, KEVIN DEAN; WALLERIUS, JOHN WALKER; SMITH, BRUCE DENIS; COATES, KAREN EVELYN; VASTANO, JOHN ANDREW; HOWARD, DAVID AMUNDSON Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY)</p>

			<p>Assignee: SC-WIRELESS, INC.</p> <p>Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC. 150 CHARCOT AVE. SAN JOSE, CALIFORNIA 95131</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6349094	METHOD AND APPARATUS FOR WIRELESS COMMUNICATIONS EMPLOYING CONTROL FOR BROADCAST TRANSMISSION	02/19/2002	<p>Reel/Frame: 011889/0840 Assignor: SC-WIRELESS INC. Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 011889/0835 Assignors: VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI; GHOSHTAGORE, UJJAL KUMAR Assignee: SC-WIRELESS INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK</p>

			<p>SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6041232	AGGREGATION OF SHAPED DIRECTIONAL RECEIVING ANTENNA ARRAY FOR IMPROVED LOCATION INFORMATION	03/21/2000	<p>Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009504/0853 Assignor: JENNINGS, EARLE WILLIS, III Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009514/0853 Assignor: JENNINGS, III, EARLE WILLIS Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC</p> <p>Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC.</p> <p>Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 014455/0191 Assignor: MDIVERSITY INC. Assignee: MOBILITY NETWORK SYSTEMS INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC.</p>

			<p>Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6108385	METHOD AND APPARATUS FOR REDUCING INTERMODULATION DISTORTION IN DIGITAL WIDEBAND TRANSMISSION SYSTEMS	08/22/2000	<p>Reel/Frame: 008155/0379 Assignor: WORLEY, WILLIAM SPENCER III Assignee: CELLULAR TELECOM, LTD.</p> <p>Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC</p> <p>Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC.</p> <p>Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p>

			<p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
6173191	IMPROVED LOCALIZATION OF SHAPED DIRECTIONAL TRANSMITTING AND TRASMITTING/RECEIVING ANTENNA ARRAY	01/09/2001	<p>Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009504/0816 Assignor: JENNINGS, EARLE WILLIS III Assignee: SILICON WIRELESS LIMITED</p> <p>Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT</p> <p>Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC</p> <p>Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC.</p> <p>Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION</p> <p>Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p>

		<p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
--	--	---

Applications

Application Number	Title	Filing Date	Recordation Information
09/836752	FAST MACRODIVERSITY SWITCHING WITH INTERLEAVING IN WIRELESS NETWORKS	04/17/2001	<p>Reel/Frame: 011701/0944 DOCUMENT FOR DETAILS). Assignors: DHARIA, BHUPAL KANAIYALAL; CHILLARIGA, GOPAL; UYEHARA, LANCE KAZUMI Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 011976/0136 Assignors: DHARIA, BHUPAL KANAIYALAL; CHILLARIGA, GOPAL; UYEHARA, LANCE KAZUMI Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
09/879,603	FAST MACRODIVERSITY SWITCHING WITH TIME MANAGEMENT IN WIRELESS NETWORKS	06/12/2001	<p>Reel/Frame: 011900/0351 Assignors: CHILLARIGA, GOPAL; DHARIA, BHUPAL KANAIYALAL; KOEPF, GERHARD ALBERT;</p>

			<p>UYEHARA, LANCE KAZUMI Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
11/507789	Dynamic channel allocation in multiple-access communication systems	08/21/2006	<p>Reel/Frame: 018222/0672 Assignors: CHILLARGIA, GOPAL; KAUSHAL, ROHIT; DHARIA, BHUPAL; GHOSHTAGORE, UJJAL; UYEHARA, LANCE; KOEPF, GERHARD; RAACK, KEVIN Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 018222/0364 Assignor: MDIVERSITY INC. Assignee: MOBILITY NETWORK SYSTEMS INC.</p> <p>Reel/Frame: 018211/0410 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES INC.</p> <p>Reel/Frame: 018222/0226 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS LLC</p> <p>Reel/Frame: 018422/0764 Assignors: WARNER, ROBERT; WINTERS, JACK Assignee: EIGENT TECHNOLOGIES LLC</p>
09/750592	System for fast macrodiversity switching in mobile wireless networks	12/28/2000	<p>Reel/Frame: 011703/0273 Assignors: DHARIA, BHUPAL; KANAIYALAL; CHILLARGIA, GOPAL; GHOSHTAGORE, UJJAL KUMAR; KAUSHAL, ROHIT; KOEPF, ALBERT; GERHARD; UYEHARA, LANCE</p>

		<p>KAZUMI Assignee: MDIVERSITY INC.</p> <p>Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.</p> <p>Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.</p> <p>Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC</p>
--	--	--